

Substitute for Form PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>1021565-000160</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/EP2004/013049		INTERNATIONAL FILING DATE 17 November 2004 (17.11.04)		PRIORITY DATE CLAIMED <b>17 November 2003 (17.11.03)</b>
TITLE OF INVENTION  <b>INSECT RESISTANCE USING INHIBITION OF GENE EXPRESSION</b>				
APPLICANT(S) FOR DO/EO/US Peter Michael WATERHOUSE, Steven WHYARD and Jeroen VAN RIE				
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</li> <li><input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>				
<p>Items 11 to 21 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: <u>1) Application Data Sheet, 2) General Authorization for Petitions for Extensions of Time and Payment of Fees; 2) Paper Copy of Sequence Listing, 3) Declaration Pursuant to 37 CFR 1.821-1.825, 4) Copy of Re-published International Application with attached Article 19 Amendments, 5) PCT Request, 6) Form PCT/ISA/237 (Written Opinion), 7) Form PCT/ISA/210 (International Search Report)</u></li> </ol>				

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. Unassigned 107579503 PCT/EP2004/013049		ATTORNEY'S DOCKET NUMBER 1021565-000160																																																																																																		
<p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information:  <u>1) Commonwealth Scientific and Industrial Research Organisation, Campbell, Australia; and</u>  <u>2) Bayer BioScience N.V., Gent, Belgium</u></p>		CALCULATIONS PTO USE ONLY																																																																																																		
<p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1"> <tr> <td>Basic Filing Fee (1631)</td> <td>\$ 300.00</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> </tr> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th>\$</th> </tr> <tr> <td>Total Claims</td> <td>28</td> <td>-20 =</td> <td>8</td> <td>x \$50.00 (1615) \$ 400.00</td> </tr> <tr> <td>Independent Claims</td> <td>9</td> <td>- 3 =</td> <td>6</td> <td>x \$200.00 (1614) \$ 1,200.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="3">+ \$360.00 (1616)</td> </tr> <tr> <td colspan="2">Examination Fee</td> <td colspan="3">+ \$200.00 (1633) \$ 200.00</td> </tr> <tr> <td colspan="2">Search Fee</td> <td colspan="3">+ \$400.00 (1632) \$ 400.00</td> </tr> <tr> <td colspan="2">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td colspan="3"></td> </tr> <tr> <td colspan="2"></td> <td colspan="3">TOTAL OF ABOVE CALCULATIONS = \$ 2,500.00</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td colspan="3">+ \$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">SUBTOTAL = \$ 2,500.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 (1618) for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td colspan="3">\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">TOTAL NATIONAL FEE = \$ 2,500.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +</td> <td colspan="3"></td> </tr> <tr> <td colspan="2"></td> <td colspan="3">TOTAL FEES ENCLOSED = \$ 2,500.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">Amount to be refunded : charged :</td> </tr> <tr> <td>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</td> <td colspan="4"></td> </tr> <tr> <td>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>02-4800</u> in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</td> <td colspan="4"></td> </tr> <tr> <td>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-4800</u>. A duplicate copy of this sheet is enclosed.</td> <td colspan="4"></td> </tr> <tr> <td>d. <input checked="" type="checkbox"/> Charge <u>\$ 2,500.00</u> to credit card. Form PTO-2038 is attached.</td> <td colspan="4"></td> </tr> </table>		Basic Filing Fee (1631)	\$ 300.00	Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total Claims	28	-20 =	8	x \$50.00 (1615) \$ 400.00	Independent Claims	9	- 3 =	6	x \$200.00 (1614) \$ 1,200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00 (1616)			Examination Fee		+ \$200.00 (1633) \$ 200.00			Search Fee		+ \$400.00 (1632) \$ 400.00			App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)							TOTAL OF ABOVE CALCULATIONS = \$ 2,500.00			<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 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<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																																																																																																				

SEND ALL CORRESPONDENCE TO:

Buchanan Ingersoll PC  
 Including attorneys from Burns, Doane, Swecker & Mathis  
 P.O. Box 1404  
 Alexandria, Virginia 22313-1404  
 (703) 836-6620



SIGNATURE

Christopher L. North, Ph.D.

NAME

50,433	May 16, 2006
REGISTRATION NO.	DATE